

control circuitry configured to determine an operating state of the earbud using capacitive sensor data from the first and second electrodes, wherein the second electrodes are uncovered when the operating state is an in-ear operating state.

22. The earbud defined in claim **21** further comprising a flexible printed circuit wrapped about an axis, wherein the flexible printed circuit has metal traces configured to form the first and second electrodes.

23. The earbud defined in claim **22** wherein the metal traces include an active shield electrode on the flexible printed circuit and a ground electrode on the flexible printed circuit, wherein the active shield electrode is interposed between the ground electrode and the first and second electrodes and wherein the control circuitry is configured to detect finger touch gestures on the out-of-ear portion using the second electrodes.

24. The earbud defined in claim **21** further comprising a non-capacitive-sensing sensor, wherein the control circuitry is further configured to determine the operating state using non-capacitive-sensing sensor data from the non-capacitive-sensing sensor.

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